



EmapSite

Masdar House, ,
Eversley, RG27 0RP

Groundsure
Reference:

EMS-357251_479572

Your Reference:

EMS_357251_479572

Report Date

15 Apr 2016

Report Delivery
Method:

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Groundsure Enviroinsight

Address: MRT East Reading,

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If you would like further assistance regarding this report then please contact the emapsite customer services team on 0118 9736883 quoting the above report reference number.

Yours faithfully,

emapsite customer services team

Enc.

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Address: MRT East Reading,
Date: 15 Apr 2016
Reference: EMS-357251_479572
Client: EmapSite

NW

N

NE

W

E



SW

S

SE

Aerial Photograph Capture date: 08-Jul-2013
Grid Reference: 472992,173870
Site Size: 4.92ha

Report Reference: EMS-357251_479572
Client Reference: EMS_357251_479572

Contents Page

Contents Page	3
Overview of Findings	6
Using this report	10
1. Historical Land Use	11
1. Historical Industrial Sites	12
1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping	12
1.2 Additional Information – Historical Tank Database	19
1.3 Additional Information – Historical Energy Features Database	23
1.4 Additional Information – Historical Petrol and Fuel Site Database	27
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	27
1.6 Potentially Infilled Land	27
2. Environmental Permits, Incidents and Registers Map	30
2. Environmental Permits, Incidents and Registers	31
2.1 Industrial Sites Holding Licences and/or Authorisations	31
2.1.1 Records of historic IPC Authorisations within 500m of the study site	31
2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site	31
2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site	31
2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site	31
2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site	31
2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site	32
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	32
2.1.8 Records of Licensed Discharge Consents within 500m of the study site	32
2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site	34
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	35
2.2 Dangerous or Hazardous Sites	35
2.3 Environment Agency Recorded Pollution Incidents	36
2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site	36
2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site	37
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	37
3. Landfill and Other Waste Sites Map	38
3. Landfill and Other Waste Sites	39
3.1 Landfill Sites	39
3.1.1 Records from Environment Agency landfill data within 1000m of the study site	39
3.1.2 Records of Environment Agency historic landfill sites within 1500m of the study site	39
3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site	41
3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site	41
3.2 Other Waste Sites	41
3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site	41
3.2.2 Records of Environment Agency licensed waste sites within 1500m of the study site	42
4. Current Land Use Map	44
4. Current Land Uses	45
4.1 Current Industrial Data	45
4.2 Petrol and Fuel Sites	47
4.3 National Grid High Voltage Underground Electricity Transmission Cables	47
4.4 National Grid High Pressure Gas Transmission Pipelines	48
5. Geology	49
5.1 Artificial Ground and Made Ground	49

5.2 Superficial Ground and Drift Geology	49
5.3 Bedrock and Solid Geology	49
6 Hydrogeology and Hydrology	50
6a. Aquifer Within Superficial Geology	50
6b. Aquifer Within Bedrock Geology and Abstraction Licenses	51
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses	52
6d. Hydrogeology – Source Protection Zones within confined aquifer	53
6e. Hydrology – Detailed River Network and River Quality	54
6. Hydrogeology and Hydrology	55
6.1 Aquifer within Superficial Deposits.....	55
6.2 Aquifer within Bedrock Deposits.....	55
6.3 Groundwater Abstraction Licences.....	56
6.4 Surface Water Abstraction Licences.....	59
6.5 Potable Water Abstraction Licences.....	60
6.6 Source Protection Zones.....	61
6.7 Source Protection Zones within Confined Aquifer.....	61
6.8 Groundwater Vulnerability and Soil Leaching Potential.....	62
6.9 River Quality.....	62
6.9.1 Biological Quality:.....	62
6.9.2 Chemical Quality:.....	63
6.10 Detailed River Network.....	63
6.11 Surface Water Features.....	66
7a. Environment Agency Flood Map for Planning (from rivers and the sea)	67
7b. Environment Agency Risk of Flooding from Rivers and the Sea (RoFRaS) Map	68
7 Flooding	69
7.1 River and Coastal Zone 2 Flooding.....	69
7.2 River and Coastal Zone 3 Flooding.....	70
7.3 Risk of Flooding from Rivers and the Sea (RoFRaS) Flood Rating.....	71
7.4 Flood Defences.....	72
7.5 Areas benefiting from Flood Defences.....	72
7.6 Areas benefiting from Flood Storage.....	72
7.7 Groundwater Flooding Susceptibility Areas.....	72
7.7.1 Are there any British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site? Yes.....	72
7.7.2 What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?.....	72
7.8 Groundwater Flooding Confidence Areas.....	72
8. Designated Environmentally Sensitive Sites Map	73
8. Designated Environmentally Sensitive Sites	74
8.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:.....	74
8.2 Records of National Nature Reserves (NNR) within 2000m of the study site:.....	74
8.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:.....	74
8.4 Records of Special Protection Areas (SPA) within 2000m of the study site:.....	74
8.5 Records of Ramsar sites within 2000m of the study site:.....	74
8.6 Records of Ancient Woodland within 2000m of the study site:	75
8.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:.....	75
8.8 Records of World Heritage Sites within 2000m of the study site:.....	75
8.9 Records of Environmentally Sensitive Areas within 2000m of the study site:	75
8.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:	75
8.11 Records of National Parks (NP) within 2000m of the study site:	76
8.12 Records of Nitrate Sensitive Areas within 2000m of the study site:.....	76
8.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:.....	76

8.14 Records of Green Belt land within 2000m of the study site:.....	76
9. Natural Hazards Findings.....	77
9.1 Detailed BGS GeoSure Data.....	77
9.1.1 Shrink Swell.....	77
9.1.2 Landslides.....	77
9.1.3 Soluble Rocks.....	77
9.1.4 Compressible Ground.....	78
9.1.5 Collapsible Rocks.....	78
9.1.6 Running Sand.....	78
9.2 Radon.....	78
9.2.1 Radon Affected Areas.....	78
9.2.2 Radon Protection.....	79
10. Mining.....	80
10.1 Coal Mining.....	80
10.2 Non-Coal Mining.....	80
10.3 Brine Affected Areas	80
Contact Details.....	81
Standard Terms and Conditions.....	83

Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Historical Industrial Sites	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	41	33	137	76
1.2 Additional Information – Historical Tank Database	2	8	94	79
1.3 Additional Information – Historical Energy Features Database	0	6	72	90
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	0
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	0	0	0	0
1.6 Potentially Infilled Land	17	10	28	7

Section 2: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
2.1.1 Records of historic IPC Authorisations	0	0	0	0
2.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	0	0
2.1.3 Records of Red List Discharge Consents	0	0	0	0
2.1.4 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
2.1.5 Records of List 2 Dangerous Substances Inventory sites	0	0	0	0
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	0	1	0	0
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
2.1.8 Records of Licensed Discharge Consents	0	1	6	12
2.1.9 Records of Water Industry Referrals	0	0	0	0
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	0	0	4	0
2.2 Records of COMAH and NIHHS sites	1	1	0	0
2.3 Environment Agency Recorded Pollution Incidents				
2.3.1 National Incidents Recording System, List 2	0	0	5	11
2.3.2 National Incidents Recording System, List 1	0	0	0	0
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 3: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-1500
3.1 Landfill Sites						
3.1.1 Environment Agency Registered Landfill Sites	0	0	0	0	0	Not searched
3.1.2 Environment Agency Historic Landfill Sites	1	0	1	1	7	1
3.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	1
3.1.4 Records of Landfills in Local Authority and Historical Mapping Records	0	0	0	0	0	0
3.2 Landfill and Other Waste Sites Findings						
3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	3	0	Not searched	Not searched
3.2.2 Environment Agency Licensed Waste Sites	0	0	2	1	0	0

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	4	7	35	Not searched
4.2 Records of Petrol and Fuel Sites	0	1	0	0
4.3 National Grid Underground Electricity Cables	0	0	0	0
4.4 National Grid Gas Transmission Pipelines	0	0	0	0

Section 5: Geology	
5.1 Are there any records of Artificial Ground and Made Ground present beneath the study site?	No
5.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site?	Yes
5.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 6: Hydrogeology and Hydrology	0-500m					
6.1 Are there any records of Strata Classification in the Superficial Geology within 500m of the study site?	Yes					
6.2 Are there any records of Strata Classification in the Bedrock Geology within 500m of the study site?	Yes					
	On-site	0-50m	51-250	251-500	501-1000	1000-2000
6.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	2	1	4	1	11
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	8
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	1	0	0	0	4
6.6 Source Protection Zones (within 500m of the study site)	1	0	0	1	Not searched	Not searched
6.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	2	0	1	0	Not searched	Not searched
	On-site	0-50m	51-250	251-500	501-1000	1000-1500

Section 6: Hydrogeology and Hydrology

0-500m

6.9 Is there any Environment Agency information on river quality within 1500m of the study site?	No	Yes	Yes	Yes	Yes	Yes
6.10 Detailed River Network entries within 500m of the site	1	3	0	30	Not searched	Not searched
6.11 Surface water features within 250m of the study site	Yes	Yes	Yes	Not searched	Not searched	Not searched

Section 7: Flooding

7.1 Are there any Environment Agency Zone 2 floodplains within 250m of the study site?	Yes
7.2 Are there any Environment Agency Zone 3 floodplains within 250m of the study site	Yes
7.3 What is the Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site?	High
7.4 Are there any Flood Defences within 250m of the study site?	No
7.5 Are there any areas benefiting from Flood Defences within 250m of the study site?	No
7.6 Are there any areas used for Flood Storage within 250m of the study site?	No
7.7 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Potential at Surface
7.8 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	High

Section 8: Designated Environmentally Sensitive Sites

On-site 0-50m 51-250 251-500 501-1000 1000-2000

8.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	0
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
8.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
8.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.5 Records of Ramsar sites	0	0	0	0	0	0
8.6 Records of Ancient Woodlands	0	0	0	0	1	0
8.7 Records of Local Nature Reserves (LNR)	0	0	0	0	0	1
8.8 Records of World Heritage Sites	0	0	0	0	0	0
8.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	0
8.10 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0

Section 8: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.11 Records of National Parks	0	0	0	0	0	0
8.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
8.13 Records of Nitrate Vulnerable Zones	2	0	0	0	1	0
8.14 Records of Green Belt land	0	0	0	0	0	0

Section 9: Natural Hazards	
9.1 What is the maximum risk of natural ground subsidence?	Moderate
9.1.1 What is the maximum Shrink-Swell hazard rating identified on the study site?	Very Low
9.1.2 What is the maximum Landslides hazard rating identified on the study site?	Very Low
9.1.3 What is the maximum Soluble Rocks hazard rating identified on the study site?	Very Low
9.1.4 What is the maximum Compressible Ground hazard rating identified on the study site?	Moderate
9.1.5 What is the maximum Collapsible Rocks hazard rating identified on the study site?	Very Low
9.1.6 What is the maximum Running Sand hazard rating identified on the study site?	Low
9.2 Radon	
9.2.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?	The property is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.
9.2.2 Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?	No radon protective measures are necessary.

Section 10: Mining	
10.1 Are there any coal mining areas within 75m of the study site?	No
10.2 Are there any Non-Coal Mining areas within 50m of the study site boundary?	Yes
10.3 Are there any brine affected areas within 75m of the study site?	No

Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between Groundsure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 500m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure gas pipelines and underground electricity transmission lines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licenses, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on river and coastal flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

9. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon..

10. Mining

Provides information on areas of coal and non-coal mining and brine affected areas.

11. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, Groundsure provide a free Technical Helpline (08444 159000) for further information and guidance.

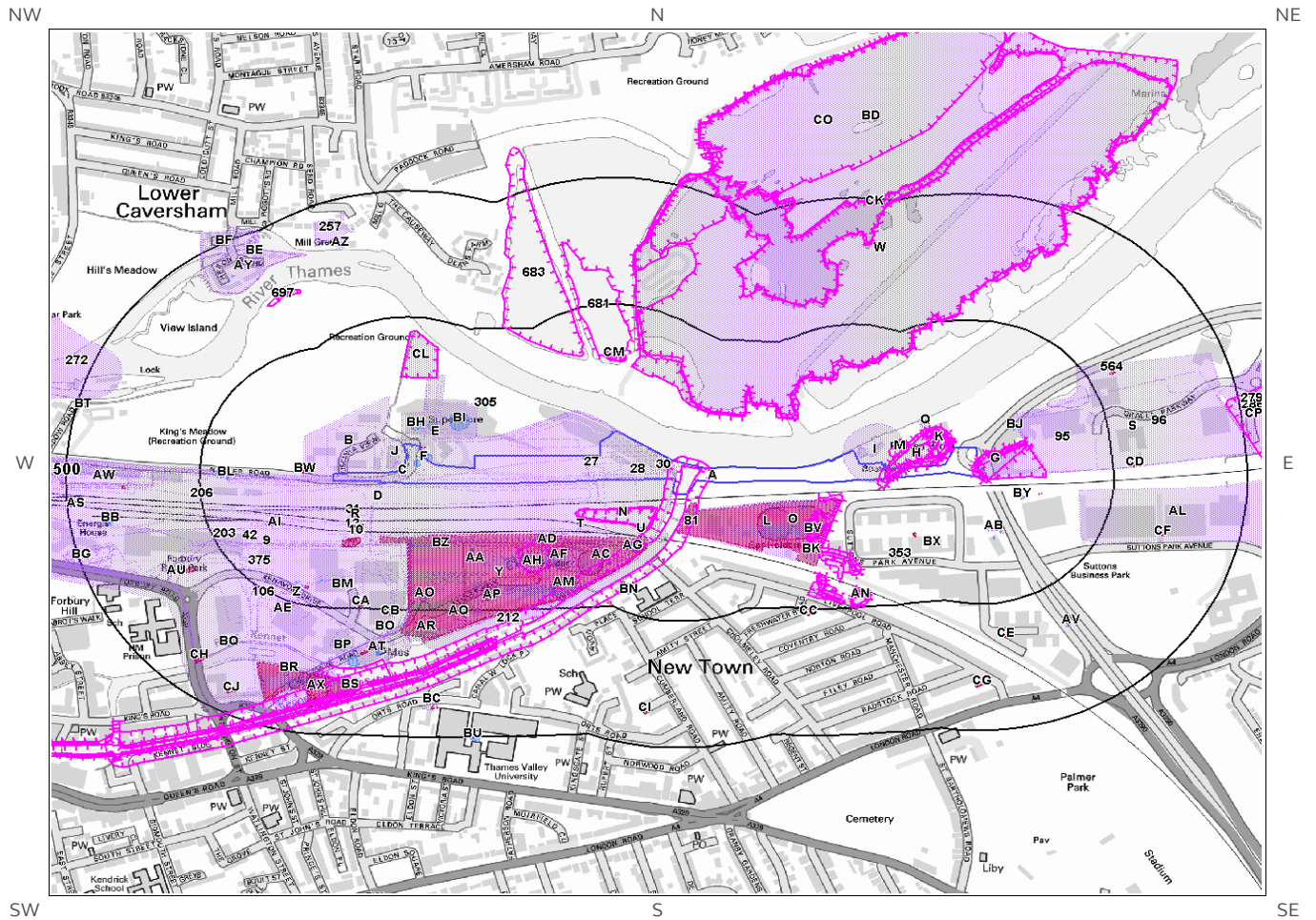
Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Land Use



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1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 287

ID	Distance [m]	Direction	Use	Date
1D	0	On Site	Railway Sidings	1977
2A	0	On Site	Railway Building	1962
3A	0	On Site	Railway Building	1977
4B	0	On Site	Unspecified Warehouse	1971
5B	0	On Site	Unspecified Warehouse	1977
6B	0	On Site	Unspecified Warehouse	1989
7C	0	On Site	Railway Building	1989
8C	0	On Site	Railway Building	1977
9	0	On Site	Railway Sidings	1913
10	0	On Site	Railway Sidings	1938
11D	0	On Site	Railway Sidings	1989
12D	0	On Site	Railway Sidings	1971
13	0	On Site	Railway Sidings	1962
14D	0	On Site	Railway Sidings	1994
15E	0	On Site	Unspecified Depot	1971
16E	0	On Site	Unspecified Depot	1977
17A	0	On Site	Railway Building	1971
18C	0	On Site	Unspecified Tank	1971
19F	0	On Site	Unspecified Tanks	1977
20F	0	On Site	Unspecified Tank	1971
21H	0	On Site	Old Gravel Pit	1898
22G	0	On Site	Old Gravel Pit	1898
23G	0	On Site	Unspecified Ground Workings	1971
24H	0	On Site	Unspecified Ground Workings	1971
25G	0	On Site	Unspecified Ground Workings	1962
26H	0	On Site	Unspecified Ground Workings	1962
27	0	On Site	Railway Building	1938
28	0	On Site	Railway Buildings	1938
29AS	0	On Site	Railway Sidings	1933
30	0	On Site	Railway Sidings	1933
31	0	On Site	Railway Sidings	1938
32H	0	On Site	Unspecified Pit	1938

33H	0	On Site	Unspecified Pit	1938
34G	0	On Site	Unspecified Pit	1938
35G	0	On Site	Unspecified Pit	1938
36G	0	On Site	Unspecified Ground Workings	1938
37G	0	On Site	Unspecified Ground Workings	1913
38H	0	On Site	Unspecified Ground Workings	1913
39H	0	On Site	Unspecified Ground Workings	1938
40I	0	On Site	Boat House	1989
41I	0	On Site	Boat House	1977
42	6	S	Railway Sidings	1898
43I	6	NE	Boat House	1938
44I	6	NE	Boat House	1913
45I	6	NE	Boat House	1933
46K	9	NW	Unspecified Pit	1933
47B	10	N	Unspecified Warehouse	1994
48J	11	W	Railway Building	1933
49J	12	W	Railway Building	1938
50I	13	N	Boat House	1994
51K	15	N	Unspecified Heaps	1971
52K	15	N	Unspecified Heaps	1962
53L	18	S	Unspecified Commercial/Industrial	1989
54L	18	S	Unspecified Commercial/Industrial	1994
55M	19	NE	Unspecified Heap	1971
56M	19	NE	Unspecified Heap	1962
57P	26	S	Unspecified Ground Workings	1933
58BH	29	N	Unspecified Tank	1971
59E	30	N	Unspecified Tanks	1977
60L	30	S	Gas Works	1977
61L	30	S	Unspecified Works	1962
62L	30	S	Unspecified Works	1971
63I	34	N	Boat House	1938
64E	39	NE	Unspecified Tank	1971
65N	43	SW	Unspecified Pit	1977
66N	43	SW	Unspecified Pit	1962
67N	43	SW	Unspecified Pit	1989
68N	44	SW	Unspecified Pit	1971
69O	47	S	Gas Holders	1977
70O	47	S	Unspecified Tanks	1962
71O	47	S	Gas Holders	1989
72O	47	S	Unspecified Tanks	1971
73O	47	S	Gas Holders	1994

74L	47	S	Unspecified Tank	1933
75L	51	S	Unspecified Tank	1938
76L	55	S	Unspecified Tank	1938
77K	55	NW	Boat House	1989
78K	55	NW	Boat House	1977
79K	55	NW	Boat House	1994
80BI	56	NW	Unspecified Tank	1971
81	57	S	Unspecified Tank	1971
82K	58	NW	Boat House	1938
83K	58	NW	Boat House	1913
84Q	59	NW	Boat House	1938
85P	61	S	Unspecified Heaps	1938
86P	61	S	Unspecified Heaps	1938
87P	62	S	Unspecified Heaps	1938
88Q	62	NW	Boat House	1933
89R	68	S	Railway Building	1938
90R	68	S	Railway Building	1913
91R	69	S	Railway Building	1898
92BM	71	SW	Unspecified Factory	1962
93BV	79	S	Unspecified Heaps	1938
94S	85	NE	Unspecified Factory	1962
95	87	NE	Unspecified Factory	1971
96	88	NE	Unspecified Factory	1971
97S	88	NE	Unspecified Factories	1989
98S	88	NE	Unspecified Factories	1977
99T	90	S	Railway Building	1938
100T	90	S	Railway Building	1913
101V	90	S	Railway Sidings	1933
102CK	94	N	Gravel Pit	1977
103U	94	SW	Railway Building	1938
104U	94	SW	Railway Building	1913
105X	97	S	Railway Building	1898
106	97	S	Biscuit Factory	1933
107AB	98	S	Unspecified Tank	1898
108V	98	S	Railway Sidings	1913
109W	100	N	Gravel Pit	1989
110V	101	S	Railway Sidings	1898
111W	103	N	Gravel Pit	1994
112Y	105	S	Unspecified Commercial/Industrial	1933
113Z	105	S	Biscuit Factory	1938
114X	110	S	Railway Building	1977
115X	110	S	Railway Building	1989
116X	110	S	Railway Building	1971
117Y	110	S	Unspecified Commercial/Industrial	1938

118Z	111	S	Biscuit Factory	1938
119AD	112	S	Unspecified Tanks	1933
120Z	112	S	Biscuit Factory	1913
121AA	112	S	Unspecified Depot	1989
122AA	112	S	Unspecified Depot	1994
123AB	113	S	Unspecified Tank	1913
124Y	113	S	Unspecified Commercial/Industrial	1938
125Y	114	SW	Unspecified Commercial/Industrial	1971
126Y	114	SW	Gas Works	1977
127AF	116	S	Unspecified Tanks	1938
128AC	117	SW	Unspecified Commercial/Industrial	1989
129AC	117	SW	Unspecified Commercial/Industrial	1994
130AD	118	S	Unspecified Tanks	1933
131AE	118	S	Unspecified Factory	1977
132AE	118	S	Unspecified Factory	1971
133AF	120	S	Unspecified Heap	1933
134AF	122	S	Unspecified Tanks	1962
135Y	122	S	Gas Works	1898
136Y	122	S	Gas Works	1913
137AF	123	S	Gas Holders	1977
138AF	123	S	Unspecified Tank	1971
139AE	123	S	Biscuit Factory	1898
140AF	123	S	Unspecified Tank	1938
141AF	123	S	Unspecified Tank	1938
142AF	123	S	Unspecified Tank	1938
143AF	123	S	Gasometer	1913
144AF	124	S	Unspecified Tank	1913
145AF	124	S	Unspecified Tank	1933
146AI	128	SW	Railway Buildings	1913
147AC	129	S	Unspecified Tank	1938
148AG	130	SW	Gas Holders	1977
149AG	130	SW	Unspecified Tank	1989
150AG	130	SW	Unspecified Tank	1971
151AG	130	SW	Unspecified Tank	1994
152CL	131	N	Unspecified Heap	1938
153AC	134	S	Unspecified Tank	1913
154AC	134	S	Unspecified Tank	1898
155AC	135	S	Gas Holders	1977
156AC	135	S	Unspecified Tank	1971
157AJ	137	S	Unspecified Ground Workings	1938
158AC	139	S	Unspecified Tank	1938
159AH	140	S	Gasometer	1938

160AH	140	S	Gasometer	1913
161AH	140	S	Unspecified Tank	1938
162AH	140	S	Gasometer	1898
163AI	140	SW	Railway Buildings	1938
164AC	140	S	Gas Holders	1977
165AC	140	S	Unspecified Tank	1971
166AC	140	S	Gas Holder	1989
167AC	140	S	Gas Holder	1994
168Y	147	S	Unspecified Tank	1933
169AG	149	S	Unspecified Tank	1938
170AJ	151	S	Unspecified Ground Workings	1898
171Y	151	S	Unspecified Tank	1971
172Y	151	S	Unspecified Tank	1962
173Y	153	S	Gasometer	1913
174Y	153	S	Unspecified Tank	1938
175AK	180	S	Unspecified Ground Workings	1933
176AK	183	S	Unspecified Pit	1938
177AK	183	S	Unspecified Pit	1938
178AL	187	E	Unspecified Warehouses	1989
179AL	187	E	Unspecified Warehouses	1994
180AK	188	S	Unspecified Ground Workings	1938
181BL	194	W	Unspecified Tanks	1913
182AM	196	S	Unspecified Tanks	1933
183AK	197	S	Gravel Pit	1898
184Y	198	S	Unspecified Tanks	1913
185Y	198	S	Unspecified Tanks	1977
186AM	198	S	Unspecified Tanks	1971
187AM	198	S	Gas Holders	1977
188AM	199	S	Unspecified Tanks	1938
189AM	203	S	Unspecified Tanks	1938
190AM	205	S	Unspecified Tank	1938
191AM	205	S	Unspecified Tank	1913
192AM	205	S	Unspecified Tanks	1962
193AM	211	S	Unspecified Tank	1898
194AN	214	S	Unspecified Pit	1933
195AO	215	S	Unspecified Tank	1933
196AN	217	S	Unspecified Pit	1938
197AN	217	S	Unspecified Pit	1938
198AO	219	S	Unspecified Tank	1938
199AP	219	S	Unspecified Tanks	1977
200AN	222	S	Unspecified Pit	1938
201AN	222	S	Unspecified Pit	1913
202AO	222	S	Unspecified Tank	1938
203	228	SW	Railway Building	1913

204AP	229	S	Unspecified Tanks	1977
205AP	240	S	Unspecified Tank	1933
206	241	W	Railway Building	1938
207AP	243	S	Unspecified Tank	1938
208AP	245	S	Unspecified Tanks	1913
209AQ	247	S	Unspecified Tank	1971
210AQ	247	S	Gas Holder	1977
211AP	247	S	Unspecified Tank	1938
212	270	S	Boat House	1913
213AR	279	S	Sewage Pumping Station	1938
214AR	284	S	Gas Holders	1977
215AS	287	W	Railway Buildings	1989
216AS	287	W	Railway Buildings	1994
217AT	289	S	Corporation Sewage Pumping Station	1933
218AT	294	S	Sewage Pumping Station	1913
219AT	294	S	Sewage Pumping Station	1938
220AT	304	S	Sewage Pumping Station	1898
221AW	317	W	Goods Shed	1977
222AU	321	SW	Goods Sheds	1938
223AU	321	SW	Goods Shed	1913
224CO	322	N	Gravel Pit	1971
225AV	330	SE	Unspecified Tank	1933
226AV	332	SE	Unspecified Tank	1938
227AV	335	SE	Unspecified Tank	1938
228AV	335	SE	Unspecified Tank	1913
229AW	338	W	Railway Building	1962
230AW	338	W	Railway Building	1971
231AW	339	W	Goods Shed	1938
232AW	339	W	Goods Shed	1938
233AW	340	W	Goods Shed	1933
234BA	351	SW	Goods Sheds	1938
235AU	353	SW	Goods Sheds	1938
236AX	374	S	Unspecified Commercial/Industrial	1933
237AX	376	S	Unspecified Commercial/Industrial	1938
238AX	378	S	Gas Works	1913
239AW	378	W	Goods Shed	1913
240AW	379	W	Railway Building	1898
241AX	385	S	Gas Works	1898
242AX	388	S	Unspecified Tank	1933
243AX	391	S	Sawmills	1913
244AX	392	S	Unspecified Tank	1938
245AY	397	NW	Unspecified Mill	1977
246AY	398	NW	Unspecified Mill	1971
247AY	398	NW	Unspecified Mill	1962

248AX	402	S	Gasometer	1913
249AX	402	S	Unspecified Tank	1938
250AX	402	S	Gasometer	1898
251AZ	403	N	Boat House	1962
252AZ	403	N	Boat House	1971
253AZ	403	N	Boat House	1977
254AZ	403	N	Boat House	1989
255AZ	403	N	Boat House	1994
256BA	409	SW	Goods Sheds	1913
257	413	N	Unspecified Mill	1901
258BB	421	W	Railway Building	1913
259BB	421	W	Railway Building	1938
260BB	423	W	Railway Building	1898
261BC	425	S	Smithy	1913
262BA	431	W	Goods Sheds	1938
263BA	432	W	Goods Sheds	1933
264BD	433	N	Gravel Pit	1989
265BC	435	S	Smithy	1898
266BD	435	N	Gravel Pit	1994
267BA	435	SW	Railway Building	1962
268BA	436	SW	Goods Sheds	1938
269BA	438	W	Goods Sheds	1913
270BA	439	W	Goods Sheds	1913
271BA	440	W	Railway Building	1962
272	440	NW	Iron Works	1901
273BA	445	W	Railway Building	1898
274AY	446	N	Boat House	1878
275BE	456	N	Boat House	1938
276BE	456	N	Boat House	1910
277AY	456	NW	Unspecified Mill	1900
278BG	465	W	Railway Building	1898
279	469	E	Unspecified Old Works	1962
280BF	470	NW	Unspecified Mill	1897
281BE	471	NW	Corn Mill	1878
282BF	471	NW	Unspecified Disused Mill	1938
283BF	471	NW	Corn Mill	1910
284CP	476	E	Disused Brick Works	1898
285BG	485	W	Railway Buildings	1898
286	487	E	Unspecified Works	1971
287BG	497	W	Goods Sheds	1913

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary:

183

ID	Distance (m)	Direction	Use	Date
288C	0	On Site	Unspecified Tank	1972
289F	0	On Site	Unspecified Tank	1972
290L	18	S	Gas Works	1974
291BH	29	N	Unspecified Tank	1972
292E	38	NE	Unspecified Tank	1972
293O	47	S	Gas Holders	1982
294O	48	S	Unspecified Tank	1956
295O	48	S	Gas Holders	1974
296O	48	S	Gasholders	1956
297O	48	S	Tanks	1932
298O	55	S	Unspecified Tank	1972
299BI	56	N	Unspecified Tank	1982
300BJ	77	NE	Unspecified Tank	1988
301BJ	77	NE	Unspecified Tank	1988
302BJ	77	NE	Unspecified Tank	1982
303BJ	77	NE	Unspecified Tank	1996
304BY	83	SE	Unspecified Tank	1972
305	97	N	Tanks	1972
306V	101	S	Gas Works	1912
307AB	111	S	Unspecified Tank	1912
308AO	116	S	Gas Works	1900
309AO	116	S	Gas Works	1899
310AB	117	S	Unspecified Tank	1899
311AH	117	S	Gas Works	1912
312AH	117	S	Gas Works	1956
313AB	120	S	Unspecified Tank	1956
314AB	120	S	Unspecified Tank	1956
315AD	122	S	Tanks	1972
316AD	122	S	Tanks	1932
317AD	122	S	Tanks	1956
318AD	122	S	Tanks	1956
319AC	126	S	Tanks	1956
320AC	126	S	Tanks	1912
321AD	126	S	Unspecified Tank	1956
322AF	127	S	Unspecified Tank	1932
323AC	127	S	Tanks	1956
324AF	127	S	Unspecified Tank	1972

325AF	127	S	Unspecified Tank	1912
326AF	128	S	Gasometer	1956
327AA	128	S	Unspecified Tank	1956
328AA	129	S	Unspecified Tank	1972
329AG	129	SW	Unspecified Tank	1899
330AC	130	S	Unspecified Tank	1932
331AC	130	S	Unspecified Tank	1912
332AC	130	S	Unspecified Tank	1982
333BK	136	S	Unspecified Tank	1974
334BK	136	S	Unspecified Tank	1899
335V	136	S	Gasometer	1912
336V	136	S	Gasometer	1932
337V	136	S	Unspecified Tank	1972
338BK	136	S	Unspecified Tank	1974
339AC	136	S	Unspecified Tank	1989
340BX	137	S	Unspecified Tank	1989
341AC	138	S	Gas Holder	1992
342AC	138	S	Gas Holder	1983
343AC	138	S	Gas Holder	1983
344AC	138	S	Gas Holder	1992
345AC	138	S	Gas Holder	1989
346AC	138	S	Gas Holder	1972
347AC	138	S	Gas Holder	1972
348AC	139	S	Gasholder	1912
349AD	142	S	Tanks	1932
350V	153	S	Gasometer	1956
351V	153	S	Unspecified Tank	1974
352V	153	S	Unspecified Tank	1956
353	153	S	Unspecified Tank	1983
354Y	154	S	Unspecified Tank	1983
355Y	194	S	Tanks	1972
356Y	194	S	Tanks	1912
357Y	194	S	Tanks	1956
358BL	194	W	Tanks	1956
359BM	194	S	Unspecified Tank	1983
360BM	195	S	Unspecified Tank	1912
361AP	200	S	Unspecified Tank	1932
362AP	201	S	Tanks	1956
363AP	201	S	Tanks	1972
364AM	201	S	Unspecified Tank	1956
365AM	201	S	Gasholders	1899
366AM	201	S	Tanks	1932
367AP	202	S	Tanks	1956
368AM	203	S	Tanks	1956
369AM	203	S	Tanks	1912
370Z	206	S	Unspecified Tank	1956

371AM	206	S	Tanks	1899
372Z	206	S	Unspecified Tank	1912
373AM	207	S	Unspecified Tank	1973
374BL	209	W	Tanks	1972
375	210	SW	Tanks	1989
376BN	211	SW	Unspecified Tank	1992
377BN	211	SW	Unspecified Tank	1983
378BN	211	SW	Unspecified Tank	1983
379BN	211	SW	Unspecified Tank	1989
380BN	211	SW	Unspecified Tank	1992
381BN	211	SW	Unspecified Tank	1989
382BN	211	SW	Unspecified Tank	1983
383BN	211	SW	Unspecified Tank	1956
384AP	211	S	Unspecified Tank	1912
385BM	212	S	Unspecified Tank	1931
386BL	213	W	Tanks	1972
387AO	224	S	Unspecified Tank	1932
388AQ	247	S	Gasholder	1899
389AP	249	S	Unspecified Tank	1912
390AP	249	S	Unspecified Tank	1989
391AP	249	S	Unspecified Tank	1992
392BO	288	S	Unspecified Tank	1983
393BO	288	S	Unspecified Tank	1983
394BO	288	S	Unspecified Tank	1989
395BO	288	S	Unspecified Tank	1989
396BO	288	S	Unspecified Tank	1992
397BO	288	S	Unspecified Tank	1988
398BO	288	S	Unspecified Tank	1990
399BP	323	S	Tanks	1997
400BP	323	S	Tanks	1997
401BP	324	S	Tanks	1997
402BP	324	S	Tanks	1997
403AT	332	S	Unspecified Tank	1879
404AT	332	S	Unspecified Tank	1879
405AT	332	S	Unspecified Tank	1956
406AT	332	S	Unspecified Tank	1956
407AT	332	S	Unspecified Tank	1973
408AT	332	S	Unspecified Tank	1988
409AT	332	S	Unspecified Tank	1912
410AT	332	S	Unspecified Tank	1931
411AT	334	S	Tanks	1932
412AT	334	S	Unspecified Tank	1912
413AV	334	SE	Unspecified Tank	1931
414AV	334	SE	Unspecified Tank	1956
415AT	339	S	Unspecified Tank	1956
416BP	345	S	Unspecified Tank	1989

417BP	345	S	Unspecified Tank	1971
418BP	348	S	Unspecified Tank	1991
419BP	348	S	Unspecified Tank	1956
420BP	348	S	Unspecified Tank	1956
421BQ	376	SW	Unspecified Tank	1879
422BQ	376	SW	Unspecified Tank	1879
423AX	377	S	Gas Works	1879
424AX	377	S	Gas Works	1912
425AX	380	S	Gas Works	1879
426AX	380	S	Gas Works	1879
427BR	381	S	Unspecified Tank	1879
428BR	381	S	Unspecified Tank	1900
429BR	383	S	Unspecified Tank	1879
430AX	384	S	Gas Works	1879
431BR	388	S	Tanks	1879
432BR	389	S	Unspecified Tank	1879
433BR	389	S	Unspecified Tank	1879
434BR	391	S	Unspecified Tank	1879
435BR	393	S	Unspecified Tank	1879
436BR	393	S	Gasometer	1879
437BR	393	S	Gasometer	1879
438BR	395	S	Gasometer	1879
439AX	400	S	Gasometer	1900
440AX	400	S	Gasometer	1912
441AX	401	S	Gasometer	1931
442AX	401	S	Gasometer	1879
443AX	401	S	Gasometer	1879
444AX	401	S	Gasometer	1879
445BS	402	S	Tar Tank	1879
446BS	402	S	Tar Tank	1879
447BS	405	S	Gasometer	1879
448AX	405	S	Tank or Trough	1879
449AX	405	S	Tank or Trough	1879
450AX	407	S	Unspecified Tank	1879
451AX	411	S	Unspecified Tank	1931
452BB	422	W	Unspecified Tank	1912
453BB	422	W	Unspecified Tank	1879
454BB	422	W	Unspecified Tank	1879
455BB	422	W	Unspecified Tank	1958
456BB	422	W	Unspecified Tank	1957
457BB	423	W	Unspecified Tank	1956
458BB	423	W	Unspecified Tank	1962
459BB	423	W	Unspecified Tank	1900
460BB	423	W	Unspecified Tank	1913
461BB	426	W	Unspecified Tank	1931
462AY	431	NW	Unspecified Tank	1912

463BT	487	W	Unspecified Tank	1986
464BT	487	W	Unspecified Tank	1986
465BU	494	S	Tanks	1980
466BU	494	S	Tanks	1983
467BU	494	S	Tanks	1996
468BU	494	S	Tanks	1993
469BU	494	S	Tanks	
470BU	494	S	Tanks	

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 500m of the search boundary:

168

ID	Distance (m)	Direction	Use	Date
471E	3	E	Electricity Substation	1992
472E	3	E	Electricity Substation	1992
473L	18	S	Gas Works	1974
474BV	47	S	Gas Holders	1982
475O	48	S	Gas Holders	1974
476O	48	S	Gasholders	1973
477BW	52	W	Electricity Substation	1997
478BW	53	W	Electricity Substation	1990
479BW	54	W	Electricity Substation	1988
480BW	54	W	Electricity Substation	1972
481V	101	S	Gas Works	1997
482X	110	S	Electricity Substation	1997
483X	110	S	Electricity Substation	1956
484X	111	S	Electricity Substation	1973
485X	111	S	Electricity Substation	1990
486X	111	S	Electricity Substation	1988
487X	111	S	Electricity Substation	1993
488BX	111	S	Electricity Substation	1996
489BX	112	S	Electricity Substation	1982
490BX	112	S	Electricity Substation	1956
491BX	113	S	Electricity Substation	1996
492X	113	S	Electricity Substation	1900
493BY	113	E	Electricity Substation	1912
494AO	116	S	Gas Works	1982
495AO	116	S	Gas Works	1990
496BX	116	S	Electricity Substation	1982
497BX	116	S	Electricity Substation	1988

498BX	116	S	Electricity Substation	1988
499BX	116	S	Electricity Substation	1912
500BX	116	S	Electricity Substation	1899
501AH	117	S	Gas Works	1992
502AH	117	S	Gas Works	1989
503BZ	119	S	Electricity Substation	1989
504BZ	119	S	Electricity Substation	1989
505BZ	119	S	Electricity Substation	1992
506BZ	119	S	Electricity Substation	1912
507BZ	119	S	Electricity Substation	1899
508AF	128	S	Gasometer	1912
509V	136	S	Gasometer	1983
510V	136	S	Gasometer	1989
511AC	138	S	Gas Holder	1992
512AC	138	S	Gas Holder	1992
513AC	138	S	Gas Holder	1983
514AC	138	S	Gas Holder	1989
515AC	138	S	Gas Holder	1989
516AC	138	S	Gas Holder	1972
517AC	138	S	Gas Holder	1912
518AC	139	S	Gasholder	1982
519V	153	S	Gasometer	1972
520AJ	160	S	Electricity Substation	1988
521AJ	161	S	Electricity Substation	1990
522AM	201	S	Gasholders	1997
523Z	212	S	Electricity Substation	1972
524Z	212	S	Electricity Substation	1983
525Z	212	S	Electricity Substation	1983
526AP	217	S	Electricity Substation	1972
527AP	218	S	Electricity Substation	1992
528AP	218	S	Electricity Substation	1989
529AO	230	S	Electricity Substation	1989
530AO	230	S	Electricity Substation	1992
531AO	230	S	Electricity Substation	1989
532AO	230	S	Electricity Substation	1983
533AO	230	S	Electricity Substation	1983
534AO	230	S	Electricity Substation	1972
535AO	230	S	Electricity Substation	1973
536AO	230	S	Electricity Substation	1956
537BN	231	S	Electricity Substation	1956
538CA	237	S	Electricity Substation	1983
539CA	240	S	Electricity Substation	1983
540CA	240	S	Electricity Substation	1989
541BN	242	S	Electricity Substation	1992
542BN	242	S	Electricity Substation	1989
543BN	242	S	Electricity Substation	1992

544BN	242	S	Electricity Substation	1989
545BN	242	S	Electricity Substation	1972
546BN	242	S	Electricity Substation	1992
547BN	242	S	Electricity Substation	1992
548AQ	247	S	Gasholder	1989
549CB	256	S	Electricity Substation	1989
550CB	256	S	Electricity Substation	1983
551CB	256	S	Electricity Substation	1989
552CB	256	S	Electricity Substation	1983
553CB	256	S	Electricity Substation	1982
554CB	256	S	Electricity Substation	1974
555CB	256	S	Electricity Substation	1990
556CC	257	S	Electricity Substation	1982
557CC	257	S	Electricity Substation	1988
558CC	257	S	Electricity Substation	1982
559CD	288	E	Electricity Substation	1993
560CD	288	E	Electricity Substation	1999
561CD	288	E	Electricity Substation	1974
562CD	288	E	Electricity Substation	1956
563CD	288	E	Electricity Substation	1956
564	288	NE	Electricity Substation	1973
565CD	288	E	Electricity Substation	1988
566AU	310	SW	Electricity Substation	1990
567AU	311	SW	Electricity Substation	1988
568AU	311	SW	Electricity Substation	1993
569CE	314	S	Electricity Substation	1996
570CE	315	S	Electricity Substation	1997
571CE	315	S	Electricity Substation	1997
572CE	315	S	Electricity Substation	1973
573CE	315	S	Electricity Substation	1988
574BP	332	S	Electricity Substation	1990
575BP	332	S	Electricity Substation	1956
576BP	337	S	Electricity Substation	1956
577BP	337	S	Electricity Substation	1988
578BP	337	S	Electricity Substation	1990
579BP	338	S	Electricity Substation	1993
580BP	338	S	Electricity Substation	1996
581AU	342	SW	Electricity Substation	1982
582AU	342	SW	Electricity Substation	1982
583CF	356	E	Electricity Substation	1988
584CF	357	E	Electricity Substation	1990
585CF	357	E	Electricity Substation	1988
586CF	357	E	Electricity Substation	1879
587CF	357	E	Electricity Substation	1879
588CF	357	E	Electricity Substation	1879
589CF	357	E	Electricity Substation	1912

590BR	377	S	Gas Works	1900
591BR	377	S	Gas Works	1997
592BR	380	S	Gas Works	1990
593AX	380	S	Gas Works	1988
594AX	384	S	Gas Works	1879
595AS	391	W	Electricity Substation	1879
596AS	392	W	Electricity Substation	1879
597AS	392	W	Electricity Substation	1879
598BR	393	S	Gasometer	1879
599BR	393	S	Gasometer	1931
600BR	395	S	Gasometer	1912
601AX	400	S	Gasometer	1900
602AX	400	S	Gasometer	1879
603AX	401	S	Gasometer	1990
604AX	401	S	Gasometer	1990
605AX	401	S	Gasometer	1974
606AX	401	S	Gasometer	1879
607CG	402	S	Electricity Substation	1993
608CG	402	S	Electricity Substation	1989
609CG	403	S	Electricity Substation	1956
610BS	405	S	Gasometer	1956
611CG	409	S	Electricity Substation	1993
612CH	417	SW	Electricity Substation	1996
613CH	429	SW	Electricity Substation	1971
614CH	429	SW	Electricity Substation	1986
615CI	429	S	Electricity Substation	1986
616CI	429	S	Electricity Substation	1980
617CH	429	SW	Electricity Substation	1983
618CI	429	S	Electricity Substation	1986
619CI	429	S	Electricity Substation	1980
620CI	429	S	Electricity Substation	1983
621CI	429	S	Electricity Substation	1986
622BC	439	S	Electricity Substation	1993
623BC	439	S	Electricity Substation	1996
624BC	439	S	Electricity Substation	1991
625BC	439	S	Electricity Substation	1956
626BC	440	S	Electricity Substation	1956
627BC	440	S	Electricity Substation	1971
628CJ	448	SW	Electricity Substations	1989
629CJ	454	SW	Electricity Substation	1971
630CJ	454	SW	Electricity Substation	1993
631CJ	459	SW	Electricity Substation	1986
632CJ	459	SW	Electricity Substation	1979
633BT	477	W	Electricity Substation	1988
634BT	477	W	Electricity Substation	1988
635BT	478	W	Electricity Substation	

636BT	478	W	Electricity Substation
637BT	478	W	Electricity Substation
638BT	478	W	Electricity Substation

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary: 0

Database searched and no data found.

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary: 0

Database searched and no data found.

1.6 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 62

The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

ID	Distance(m)	Direction	Use	Date
639G	0	On Site	Old Gravel Pit	1898
640G	0	On Site	Unspecified Ground Workings	1962
641G	0	On Site	Unspecified Ground Workings	1971
642H	0	On Site	Unspecified Ground Workings	1971
643H	0	On Site	Unspecified Ground Workings	1962
644H	0	On Site	Old Gravel Pit	1898
645G	0	On Site	Unspecified Pit	1938
646G	0	On Site	Unspecified Pit	1938
647H	0	On Site	Unspecified Pit	1938
648G	0	On Site	Unspecified Ground Workings	1938
649G	0	On Site	Unspecified Ground Workings	1913

650H	0	On Site	Unspecified Ground Workings	1913
651H	0	On Site	Unspecified Ground Workings	1938
652	0	On Site	Canal	1938
653AR	0	On Site	Canal	1994
654AR	0	On Site	Canal	1989
655H	0	On Site	Unspecified Pit	1938
656K	9	NW	Unspecified Pit	1933
657H	15	N	Unspecified Heaps	1971
658H	15	N	Unspecified Heaps	1962
659H	19	NE	Unspecified Heap	1971
660H	19	NE	Unspecified Heap	1962
661P	26	S	Unspecified Ground Workings	1933
662N	43	SW	Unspecified Pit	1989
663N	43	SW	Unspecified Pit	1962
664N	43	SW	Unspecified Pit	1977
665N	44	SW	Unspecified Pit	1971
666P	61	S	Unspecified Heaps	1938
667P	61	S	Unspecified Heaps	1938
668P	62	S	Unspecified Heaps	1938
669P	79	S	Unspecified Heaps	1938
670CK	94	N	Gravel Pit	1977
671W	100	N	Gravel Pit	1989
672W	103	N	Gravel Pit	1994
673AF	120	S	Unspecified Heap	1933
674CL	131	N	Unspecified Heap	1938
675AJ	137	S	Unspecified Ground Workings	1938
676CM	138	N	Pond	1971
677CM	138	N	Pond	1962
678CM	138	N	Pond	1977
679CM	138	N	Pond	1910
680CM	138	N	Pond	1938
681	144	N	Pond	1994
682AJ	151	S	Unspecified Ground Workings	1898
683	157	N	Pond	1994
684AK	180	S	Unspecified Ground Workings	1933
685AK	183	S	Unspecified Pit	1938
686AK	183	S	Unspecified Pit	1938
687AK	188	S	Unspecified Ground Workings	1938
688AK	197	S	Gravel Pit	1898
689AN	214	S	Unspecified Pit	1933
690AN	217	S	Unspecified Pit	1938